503057096 11/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT3103697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANNEMARIE ELIZABETH SILVER	11/10/2014
GARY A. FREEMAN	11/10/2014

RECEIVING PARTY DATA

Name:	ZOLL MEDICAL CORPORATION	
Street Address:	269 MILL ROAD	
City:	CHELMSFORD	
State/Country:	MASSACHUSETTS	
Postal Code:	01824	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14538588

CORRESPONDENCE DATA

Fax Number: (303)607-3600

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (303)670-3500

Email: robert.jepsen@faegrebd.com

Correspondent Name: FAEGRE BAKER DANIELS LLP

Address Line 1: 1700 LINCOLN STREET

Address Line 2: 3200 WELLS FARGO CENTER
Address Line 4: DENVER, COLORADO 80203

ATTORNEY DOCKET NUMBER:	485535.54
NAME OF SUBMITTER:	BENJAMIN S. FERNANDEZ
SIGNATURE:	/s/ Benjamin S. Fernandez
DATE SIGNED:	11/11/2014

Total Attachments: 2

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PATENT 503057096 REEL: 034149 FRAME: 0330

ASSIGNMENT

Attorney Docket No.: 485535.000054

Page 1 of 2

First Named Inventor: Annemarie Elizabeth Silver

PHYSIOLOGICAL INPUT TO DETERMINE VALIDITY

OF DATA

WHEREAS, we, Annemarie Elizabeth Silver, residing at 21 Railroad Avenue, Bedford, Massachusetts 01730, and Gary A. Freeman, residing at 185 Crescent Street, Apt. 423, Waltham, Massachusetts 02453, have invented certain new and useful improvements as described in an application entitled PHYSIOLOGICAL INPUT TO DETERMINE VALIDITY OF DATA, for which an application was made for Letters Patent of the United States, the application being identified in the United States Patent and Trademark Office by Application No. 14/538,588 , filed November 11, 2014

WHEREAS, ZOLL MEDICAL CORPORATION, having an address of 269 Mill Road, Chelmsford, Massachusetts 01824 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Annemarie Elizabeth Silver

Date 1/-10-14

CERTIFICATE OF ACKNOWLEDGMENT

5 SS. COUNTY OF MIDDLE LAND

Subscribed and sworn to before me, a Notary Public, this 10th day of november . 2014.

Notary Public

(SEAL)

HELEN D. LEARY Notary Public Massachusetts Commission Expires Jul 11, 2019

US 55186585.01

ASSIGNMENT

Attorney Docket No.: 485535.000054

Page 2 of 2

First Named Inventor: Annemarie Elizabeth Silver

PHYSIOLOGICAL INPUT TO DETERMINE VALIDITY

OF DATA

Date 1/-10-14

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Armondewalts

Subscribed and sworn to before me, a Notary Public, this 16 th day of) Level & & ... 2014.

(SEAL)

HELEN D. LEARY Notary Public Massachusetts Commission Expires Jul 11, 2019

PATENT REEL: 034149 FRAME: 0332

US.55186585.01

RECORDED: 11/11/2014